F. DE CASTELNAU.

SYST. SILURIEN DE L'AMÉRIQUE SEPTENTR.

ATLAS.

1843.

Library of the Museum

OF

COMPARATIVE ZOÖLOGY,

AT HARVARD COLLEGE, CAMBRIDGE, MASS.

Founded by private subscription, in 1861.

DR. L. DE KONINCK'S LIBRARY.

No. 1812.

ESSAI

LIBRARY
MUS. COMP. ZOOLOGY,
CAMBRIDGE, MASS.

SUR

LE SYSTÈME SILURIEN

DE L'AMÉRIQUE SEPTENTRIONALE.

PAR

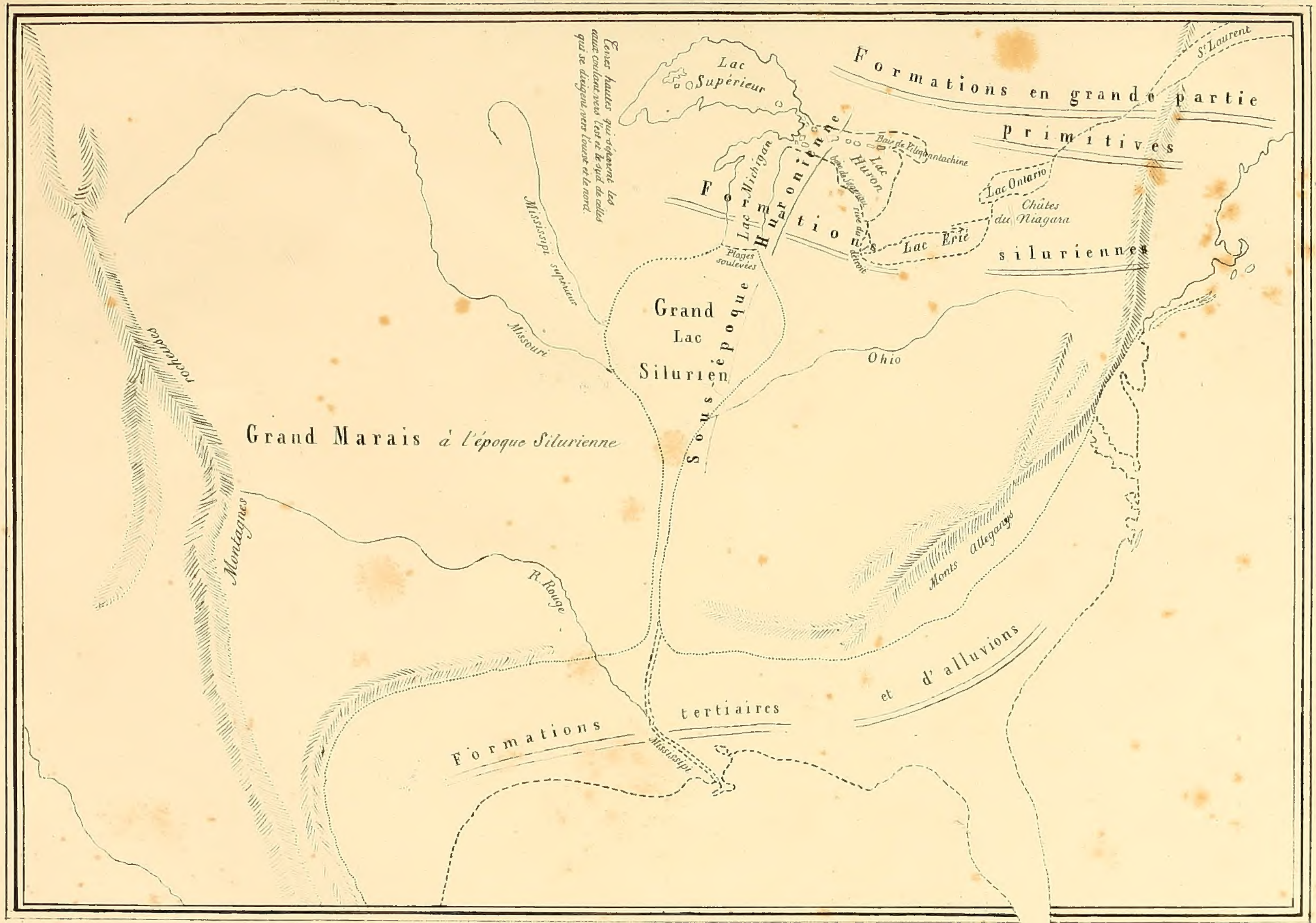
F. DE CASTELNAU,

CONSUL GÉNÉRAL DES ÉTATS-UNIS A LIMA, MEMBRE DE PLUSIEURS SOCIÉTÉS SAVANTES.

Avec vingt-sept Planches.

PARIS,
P. BERTRAND, ÉDITEUR,
LIBRAIRE DE LA SOCIÉTÉ GÉOLOGIQUE DE FRANCE,
RUE SAINT-ANDRÉ-DES-ARCS, 38.
V.e LEVRAULT, RUE DES JUIFS, 33, A STRASBOURG.
1843.

MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE. MA USA

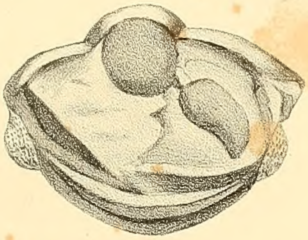


Lith. d'Artus, rue de la Harpe, 50.

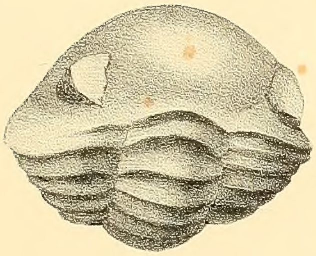
Carte théorique de l'Amérique Sept.ale avant le Soulèvement des Illinois, (Époque silurienne)

Parties restées telles qu'elles étaient avant le soulèvement. Parties représentées avant le soulèvement, mais qui ont été changées à cette époque. parties formées par les effets du soulèvement. Parties formées lors de la formation ou du soulèvement des terrains tertiaires et telles qu'elles sont encore.

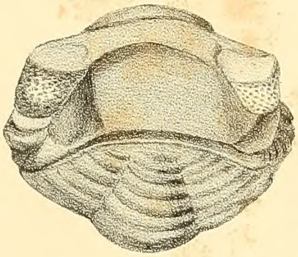
MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE, MA USA



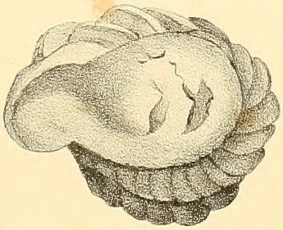
1



2



3



4

Lith. d'Artus, rue de la Harpe. 50.

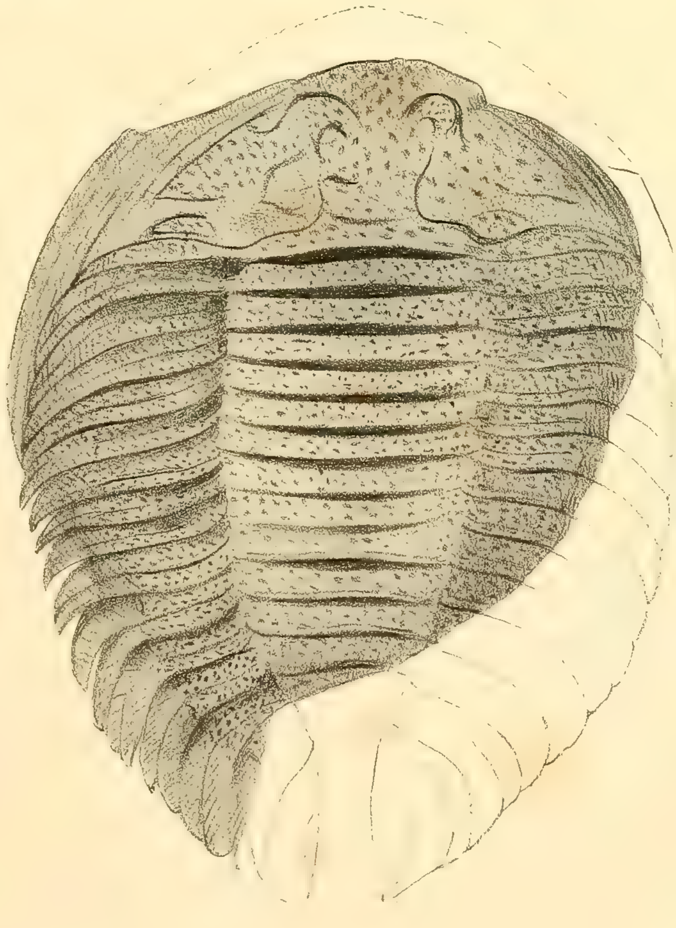
Calymene Bufo. Green.

1. Section du corps en travers, montrant une patte.
2. Vu en dessus.
3. Vu en dessous pour montrer la mobilité de la pièce frontale.
4. Vu de côté; Section pour montrer les pattes.

MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE, MA USA

1

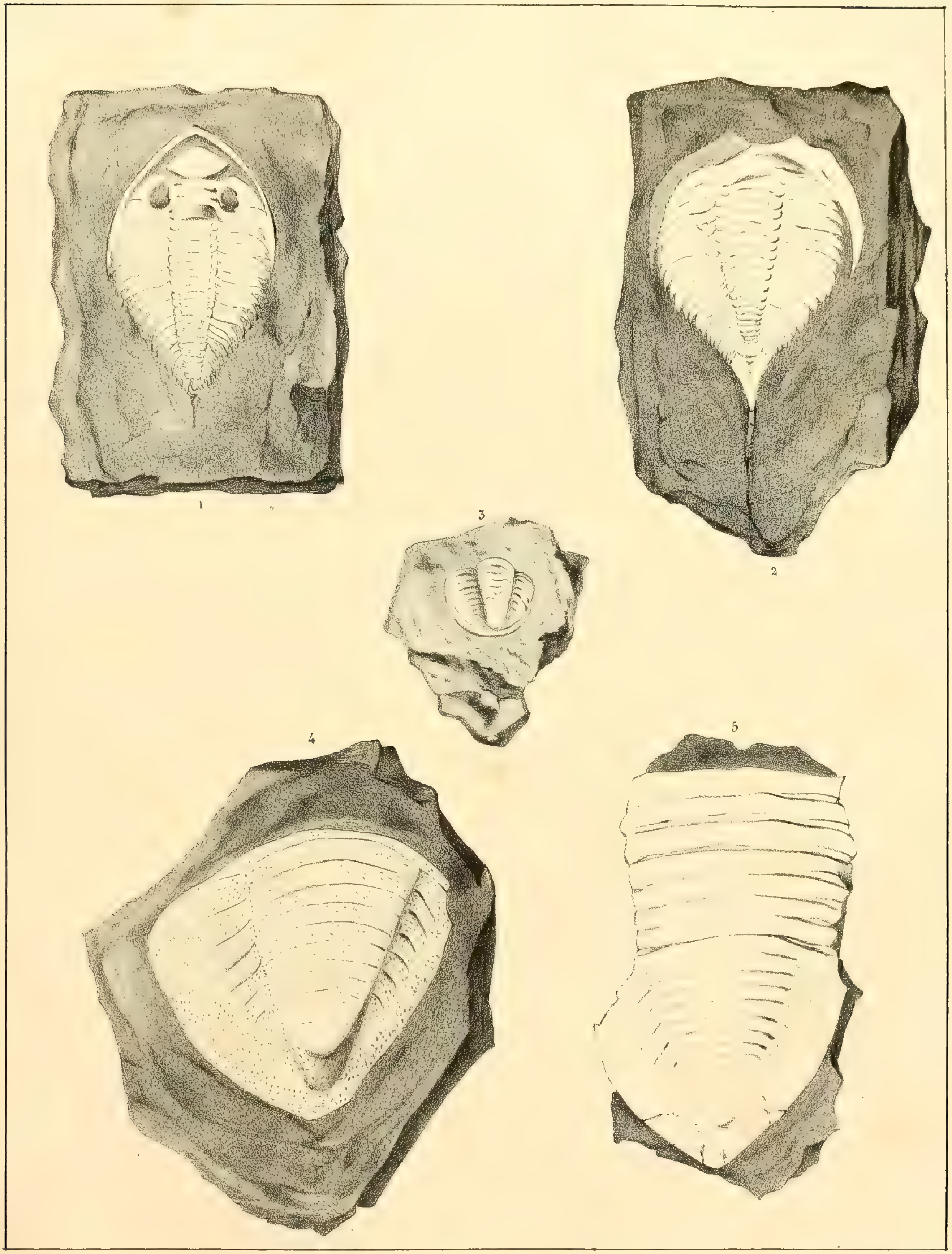
2



Lith. d'Artus rue de la Harpe 50

1. *Homalonotus Giganteus, n.s.* 2. *Arctinurus n. g. Boltoni. Bigsby.*

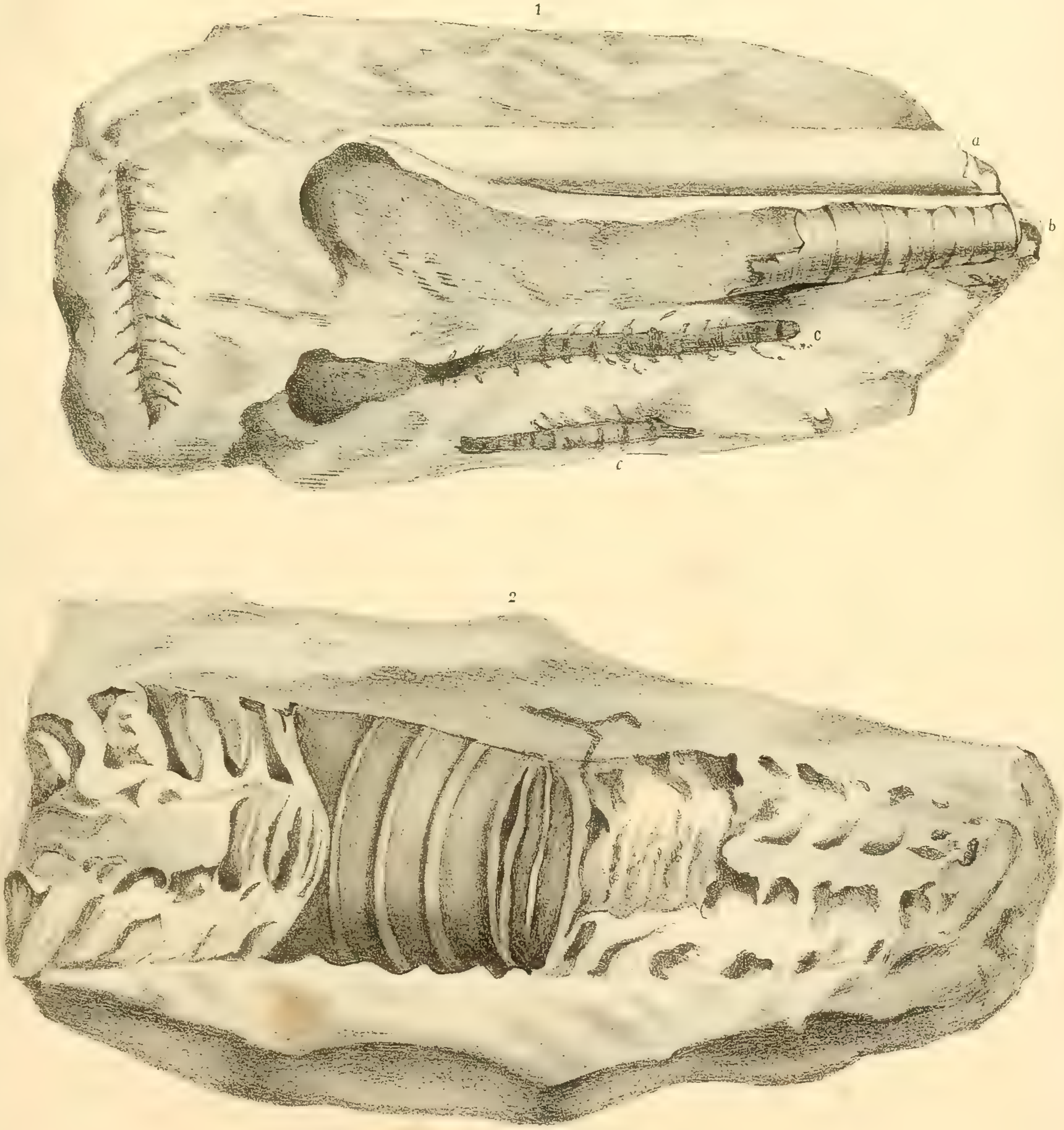
MCZ L[illegible]
HARVARD UNIVERSITY
CAMBRIDGE, MA USA



Lith. d'Artus, rue de la Harpe. 50

1. *Asaphus Simularius, Green.* 2. *a. Cordieri, n.s.* 3. *a. Murchisoni, n.s.*
4. *Homalonotus. Atlas n.s.* 5. *h. herculaneus. n.s.*

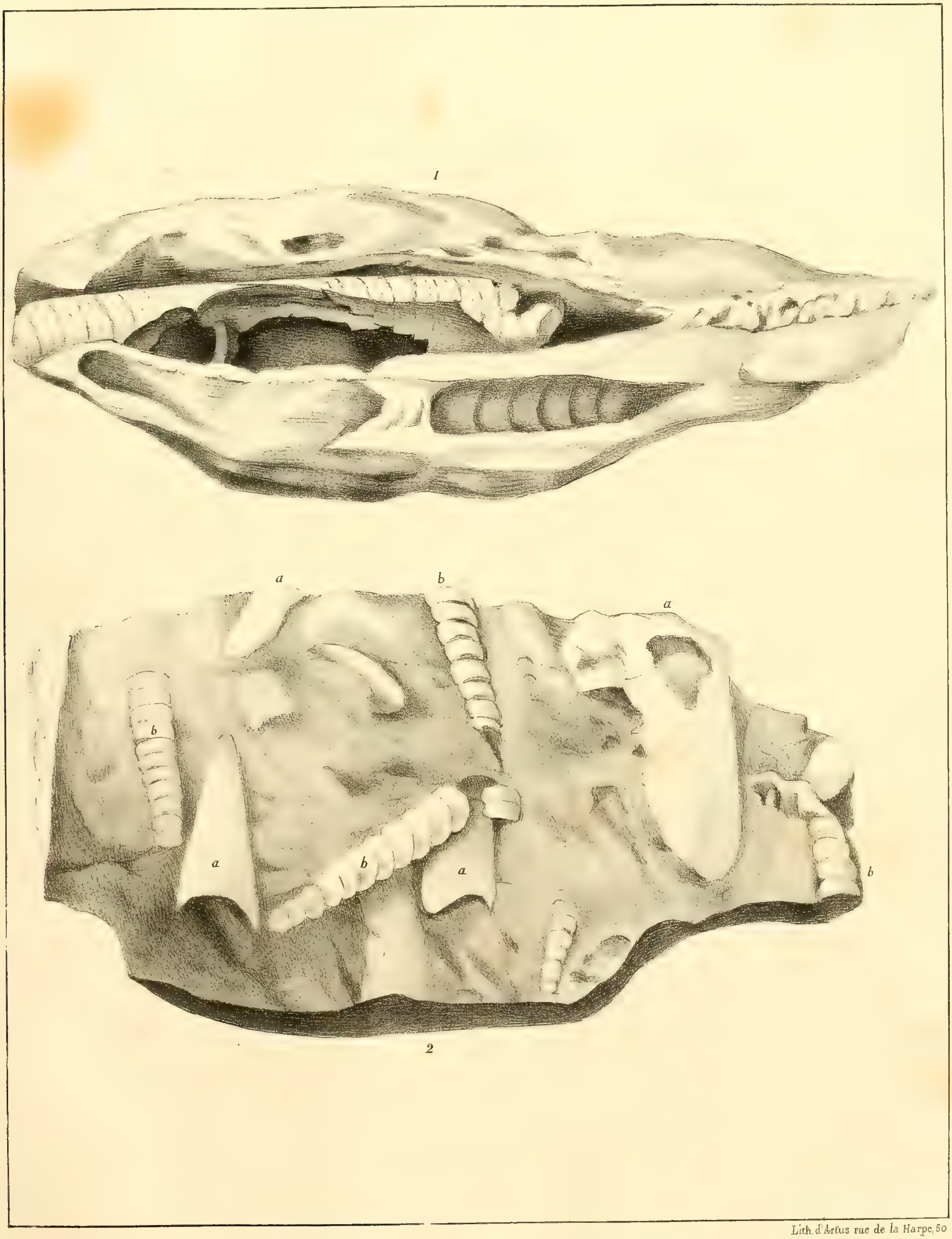
CAMBRIDGE



Lith. d'Artus, rue de la Harpe 50.

1. *Actinoceras Blainvillei.* n. s. 2. *A. Cordieri.* n. s.

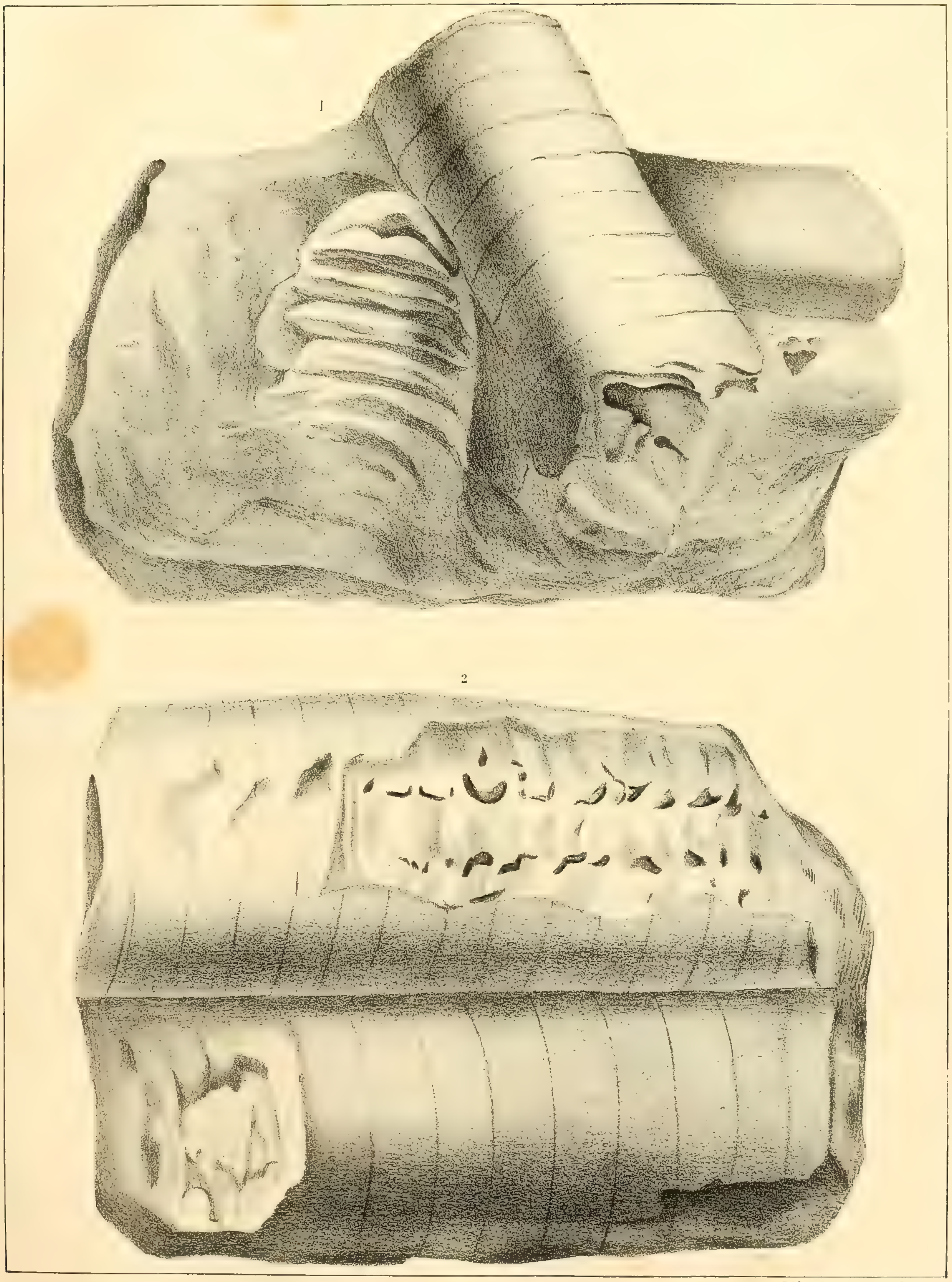
ITY
MA USA



Lith. d'Artus rue de la Harpe, 50

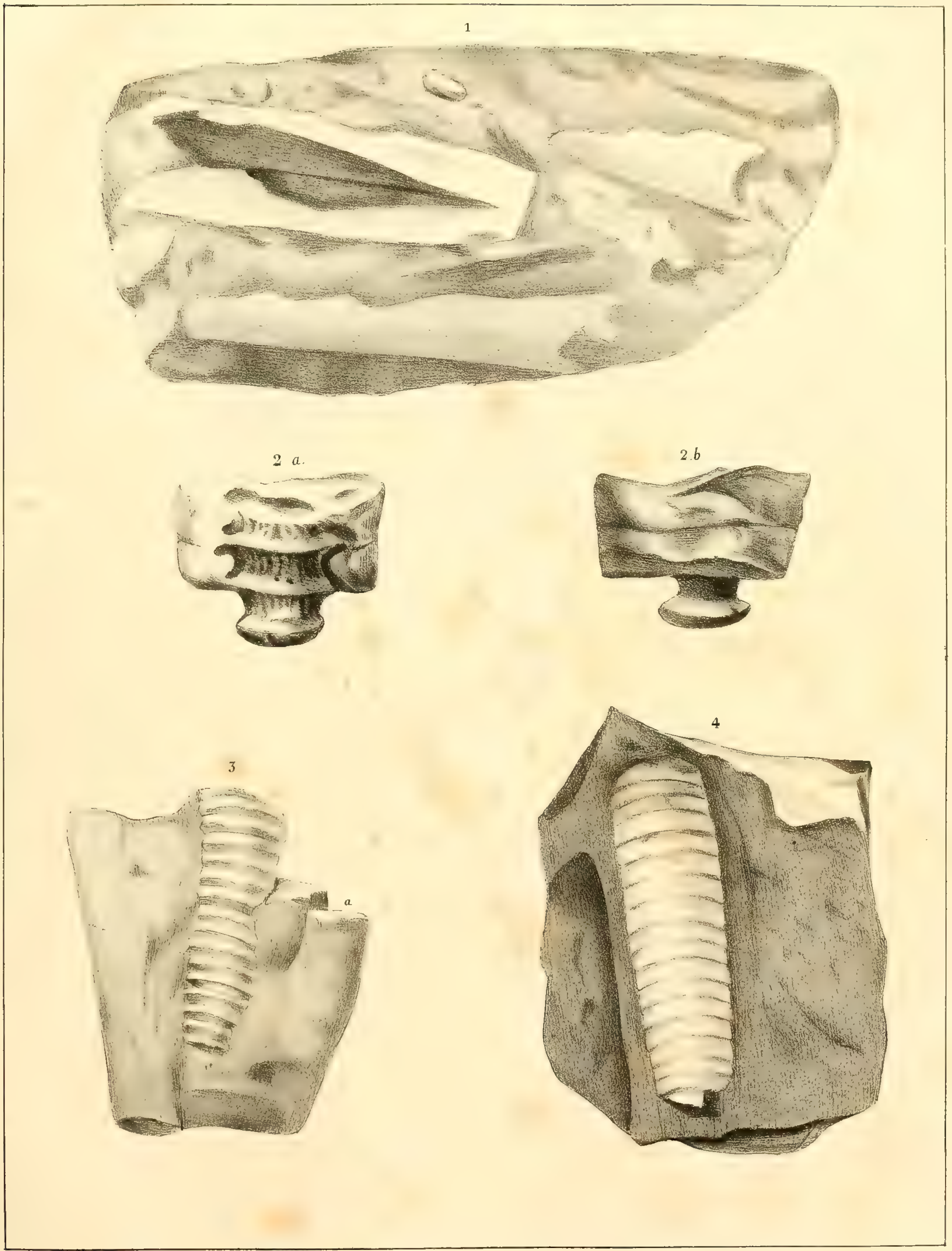
1. Actinoceras Beaumonti, n. s. 2. Beudanti, n. s.

HARVARD UNIV[illegible]TY
[illegible] USA



Lith. d'Artus, rue de la Harpe. 50.

Actinoceras Richardsonii? Stokes.

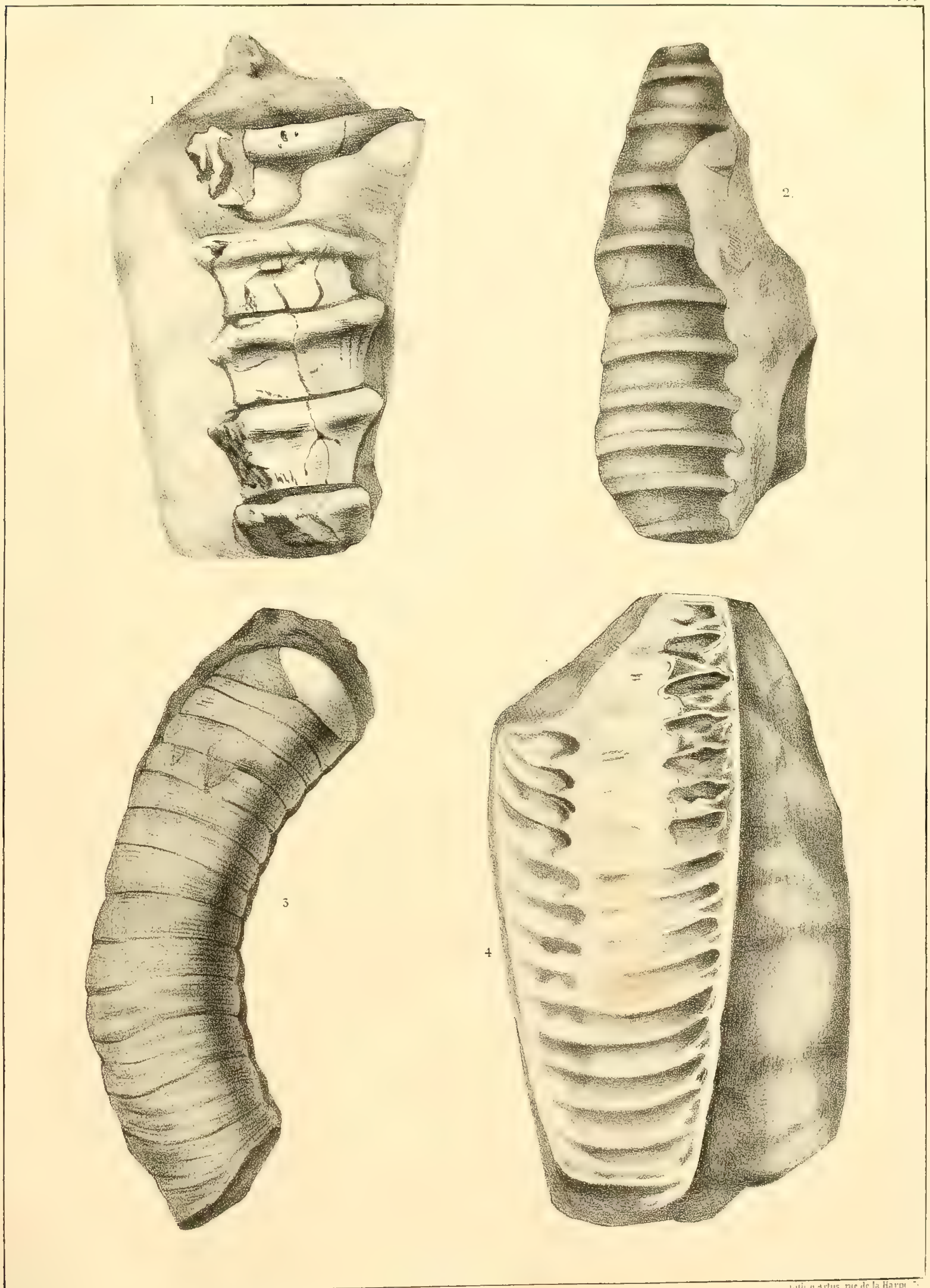


Lith. d'Artus, rue de la Harpe 50

Actinoceras.

1. Blainvillei. (Grande cloison). 2. Richardsonii. (Syphon interne) 3. Dufresnoyi n. s. 4. Deshaysii, n. s.

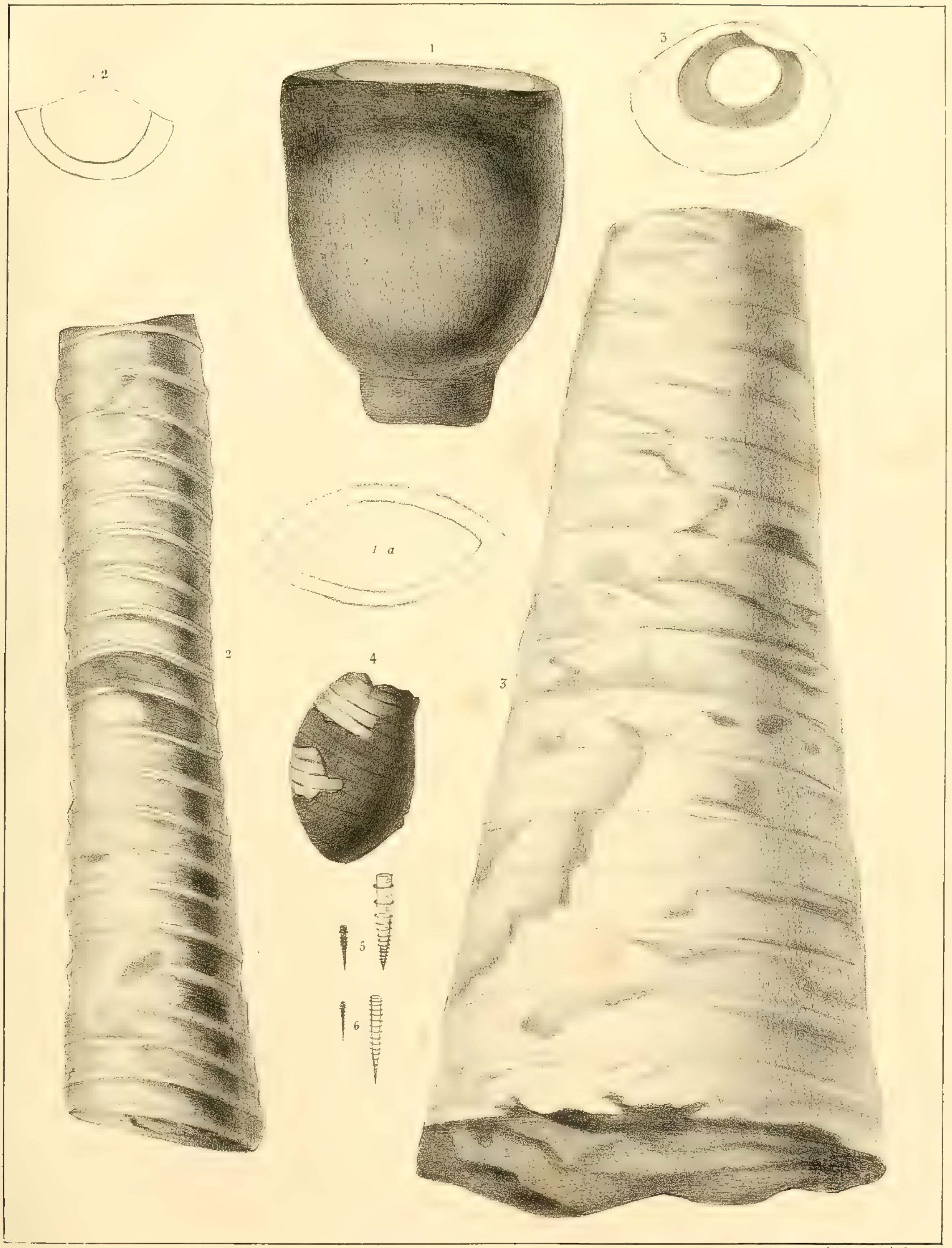
MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE



Ludwig lith.
Lith. d'Artus, rue de la Harpe

1. *Huronia obliqua.* n. s.
3. *Cyrtocéras Markoei*, n. s.
2. *Huronia Stoksii.* n. s
4. *Actinoceras Lyonii? Stokes.*

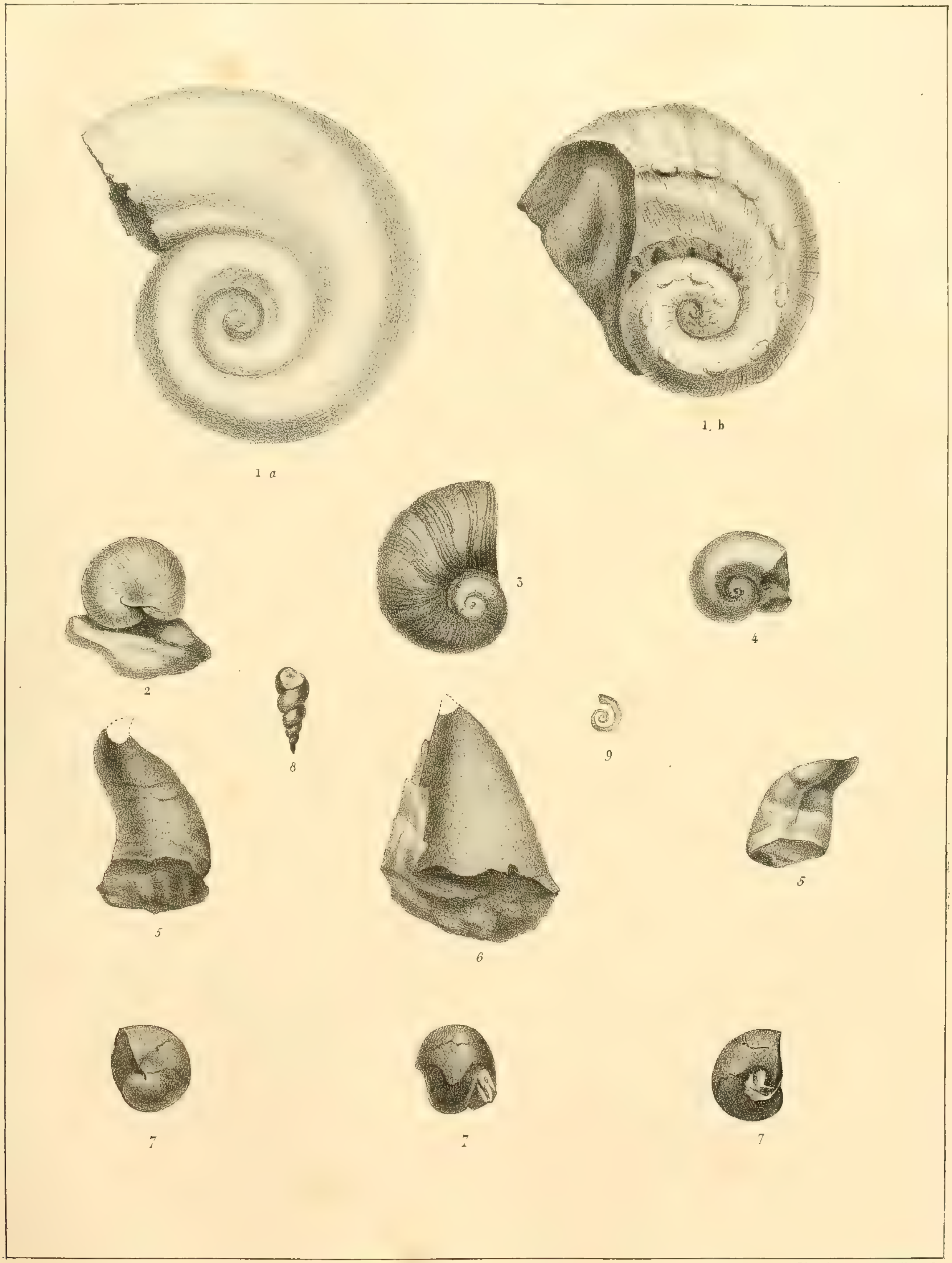
MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE, MA USA



Lith d'Artus, rue de la Harpe, 50

1. *Sidemina Infundibuliforme* (demi grand. nat.) 1. a. Segment infr. de grand. nat. 2. *Orthoceras filiforme* n. s.
3. *Orthoceras conicum* n. s. 4. *Nolimenia incognita*. 5. *Tentaculites irregularis*. n. s. 6. *Tent. regularis*.

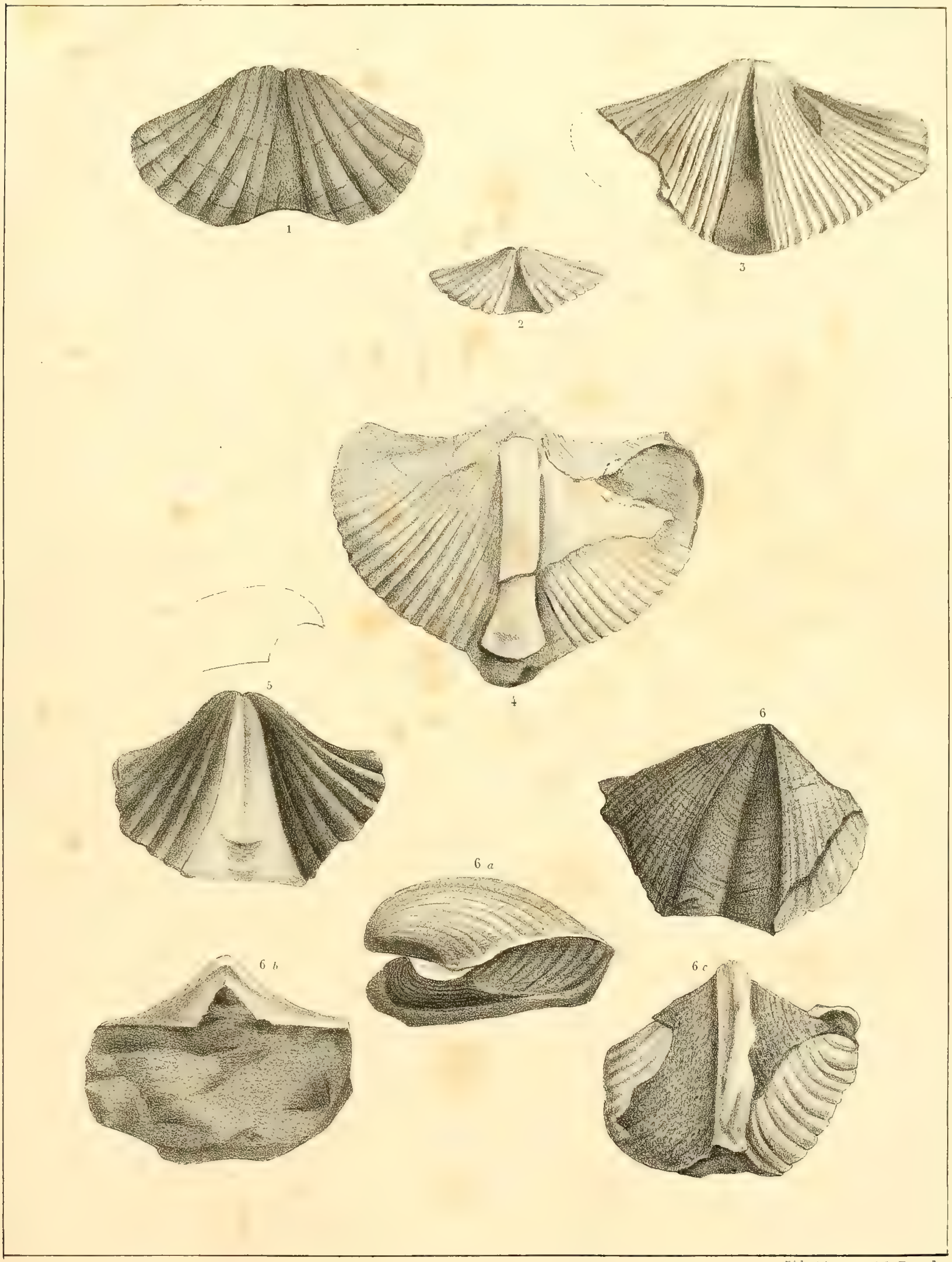
Y
ERSITY
MA USA



Lith. d'Artus, rue de la Harpe 50.

1. *Euomphalus Verneuillei. n.s.* 2. *Bellerophon Striatus.* 3. *Pileopsis naticoïdes. n.s.*
4. *P. Rotundata. n.s.* 5. *P. Spiralis. n.s.* 6. *Pileopsis conoides. n.s.*
7. *Goniatis Canadensis. n.s.* 8. *Turritella Schohariensis, n.s.* 9. *Euomphalus minutissimus. n.s.* (grossi 8 fois.)

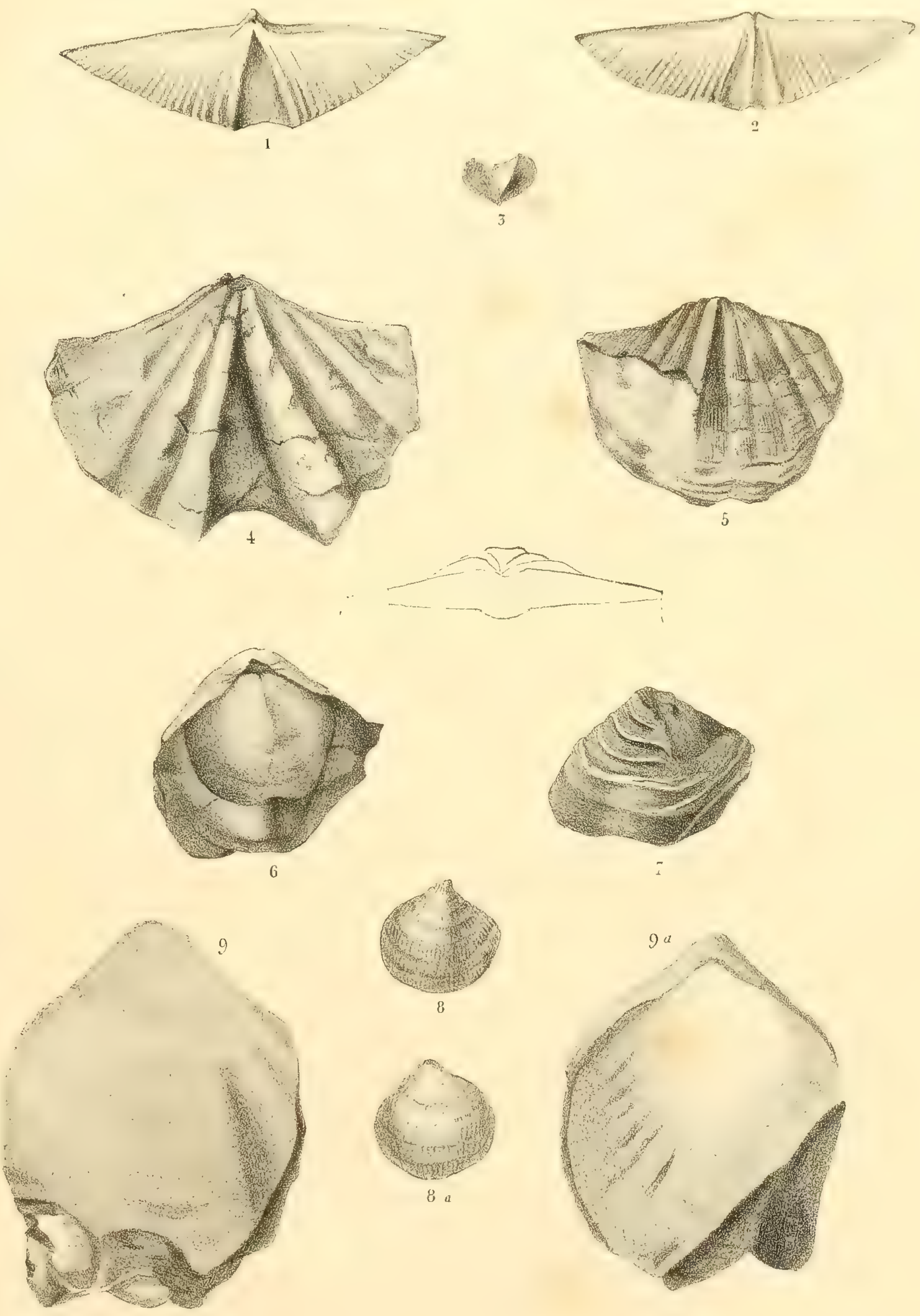
ITY
USA



Lith. d'Artus, rue de la Harpe. 50

1. *Spirifer Murchisoni, n.s.* 2. *Sp. Murchisoni, jne âge.* 2. *S. Multicostatus. n.s.*
2 *Sp. Alatus. n.s* 5. *Sp. Troostii.* 6. *Sp. huroniensis. n.s.*

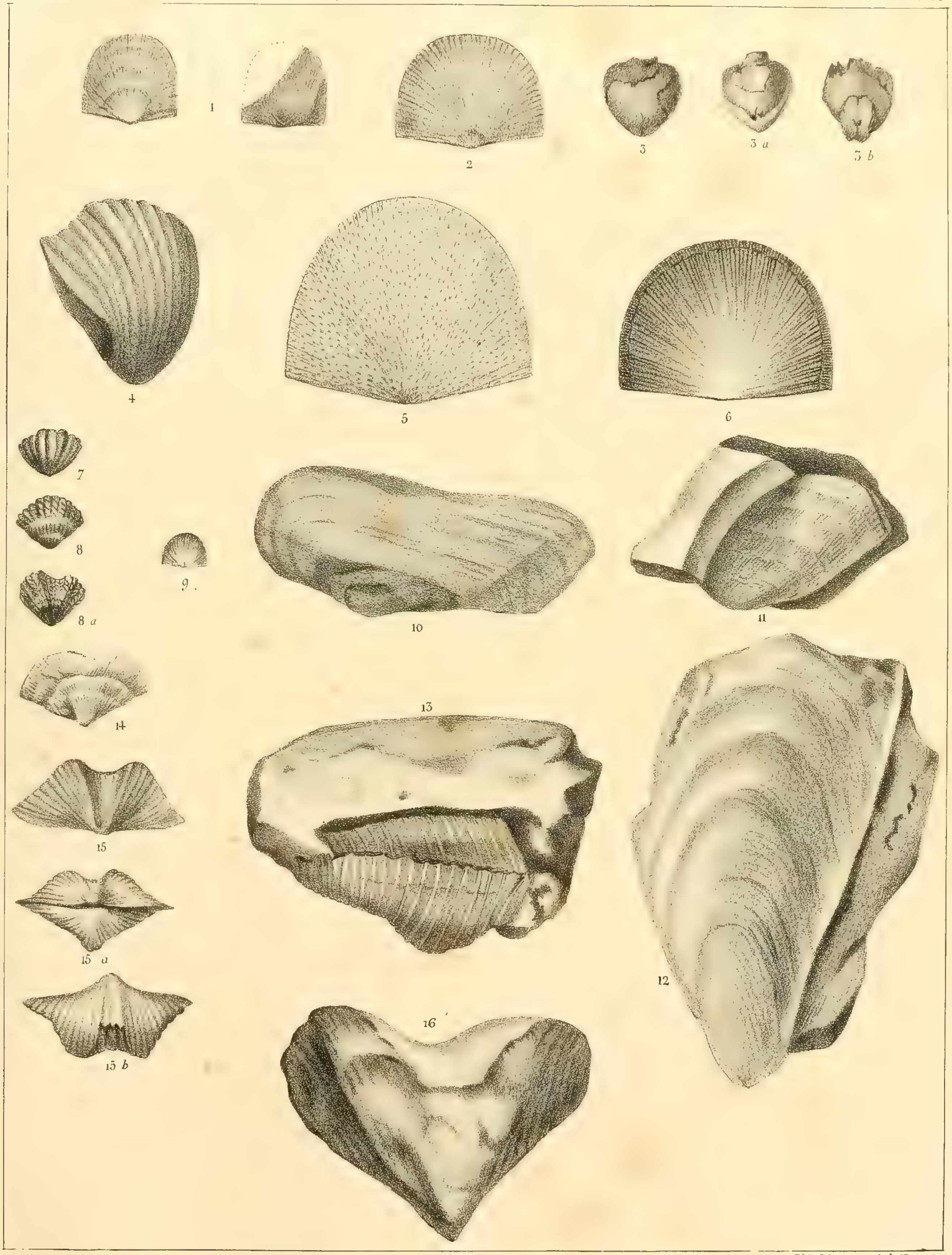
MCZ LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE, MA USA



Lith. d'Artus, rue de la Harpe. 50

1. 2. *Spirifer Sowerbyi, n. s.* 3. *Terebratula Mesogona.* 4. *Spirifer Fischeri, n. s.*
5. *Sp. Macropleurus, n. s.* 6. *Terebratula Valenciennei n. s.* 7. *Productus Sulcatus. n. s*
6. *Terebratula Prisca Schls.* 9. *Pentamerus Beaumonti n. s.*

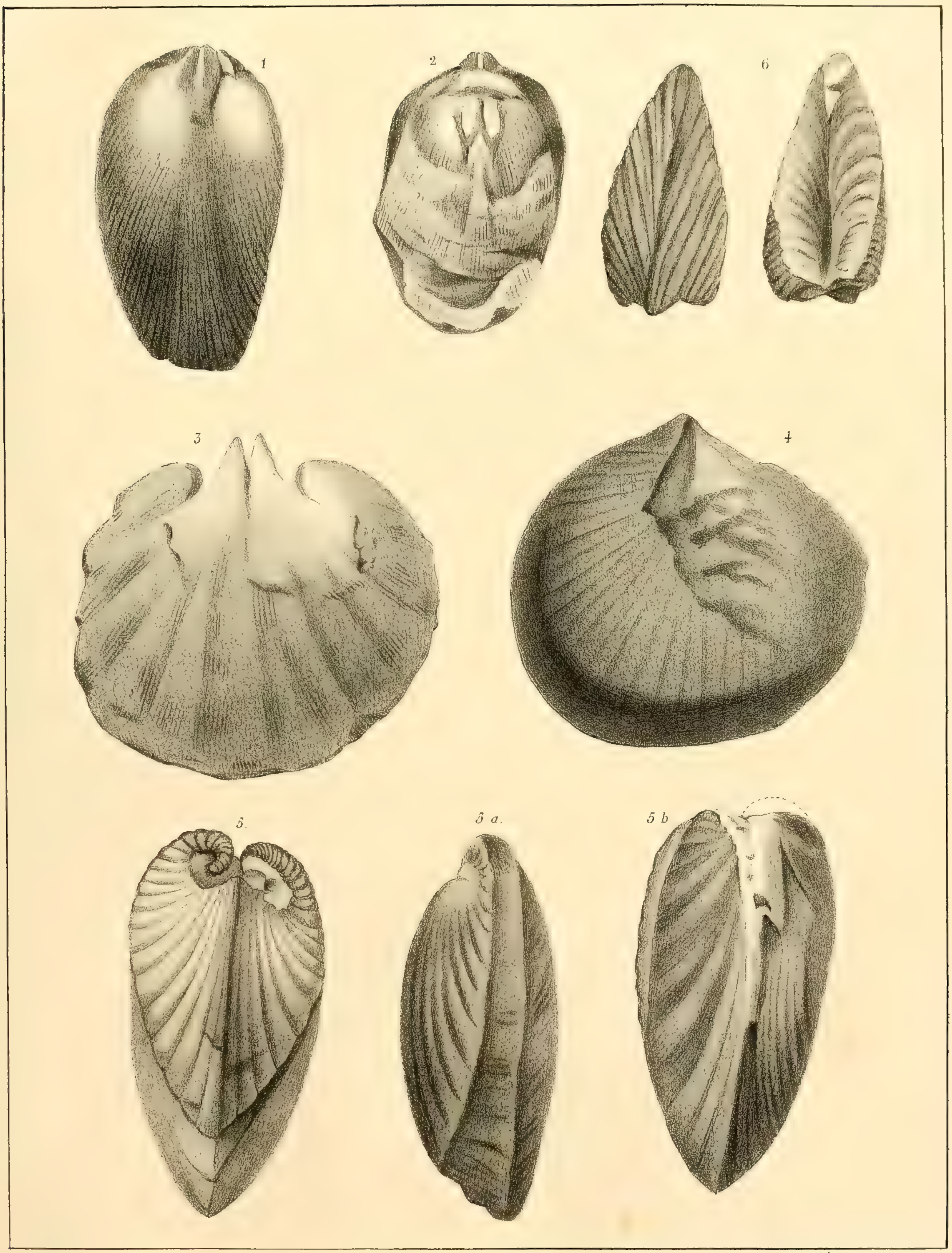
HARVARD UNIVERSITY
CAMBRIDGE, MA USA



Lith. d'Artus, rue de la Harpe 50

1. *Orthis Parra. Lander.* 2. *Orth. alternans. n.s* 3 *Orth. Nustella. n.s* 4. *Atripa Galeata.* 5. *Orth. Schohariensis n.s*
6. *Orth. Huroniensis. n.s* 7 *Spirifer Costalis.* 8. *Spir. inæquivalvis, n.s.* 9 *Leptæna vicina, n.s* 10 *Amphidesma Delafieldi. n.s*
11. *Venus Mohegan. n.s.* 12. *Perna Chactas. n.s.* 13. *Bilobites Dekay.* 14. *Terebrat. Borealis, n.s.* 15. *Spirif. Sheppardi. n.s.*
16. *Terebratula acuminatissima.*

TY
USA



Lith d'Artus, rue de la Harpe. 50

1. 2. *Pentamerus Deshaysii, n.s.* 3. *Orthis? unguiformis, n.s.* 4. *Orthis? Conradi n.s.*
5. *Cardium? (Goldfusia) Nautiloïdes n.s.* 6. *id. var.*

CAMBRIDGE, MA USA

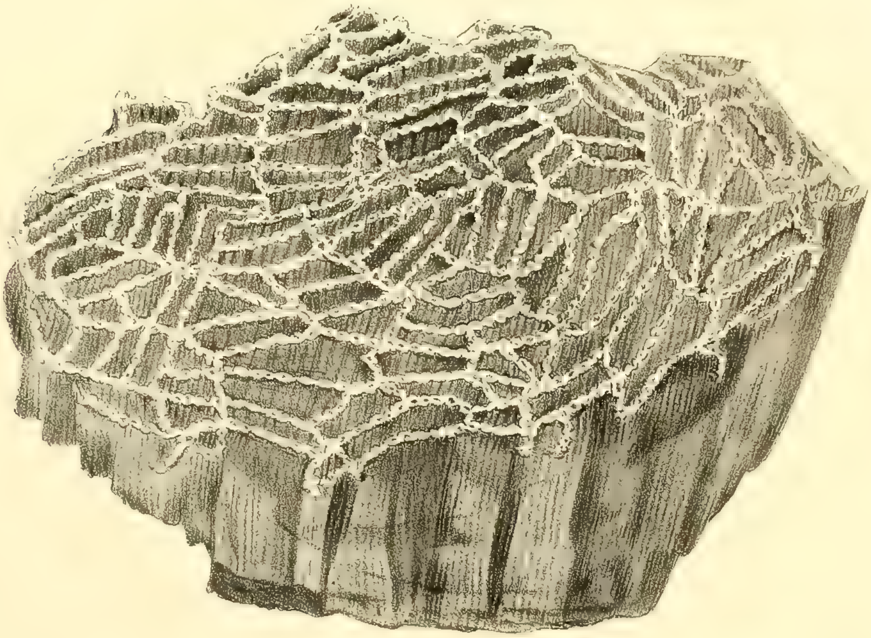
Calcaire magnésien du Lac Huron.

1. *Cyathophyll...*
2. *Calamopora polymorpha.*
3. *Calamopora gothlandica*
4. *Calamopora.*
5. *Cyathophyllum* (intérieurs.)
6. *Corps indéterminé.* (Crinoïde?)

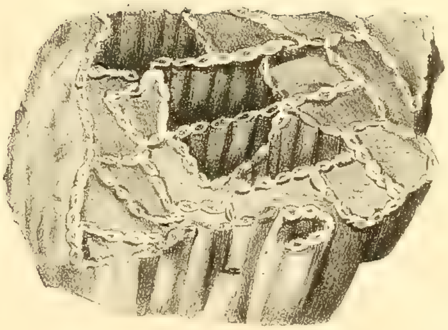
Lith. d'Artus, rue de la Harpe. 50

ERSITY
CAMBRIDGE, MA USA

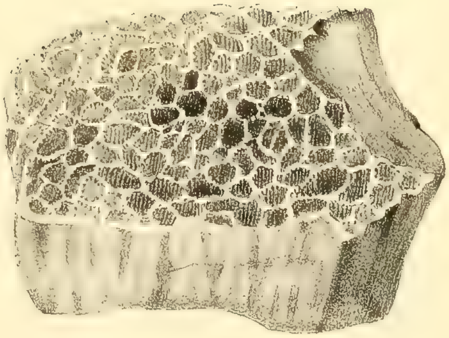
1



2



3

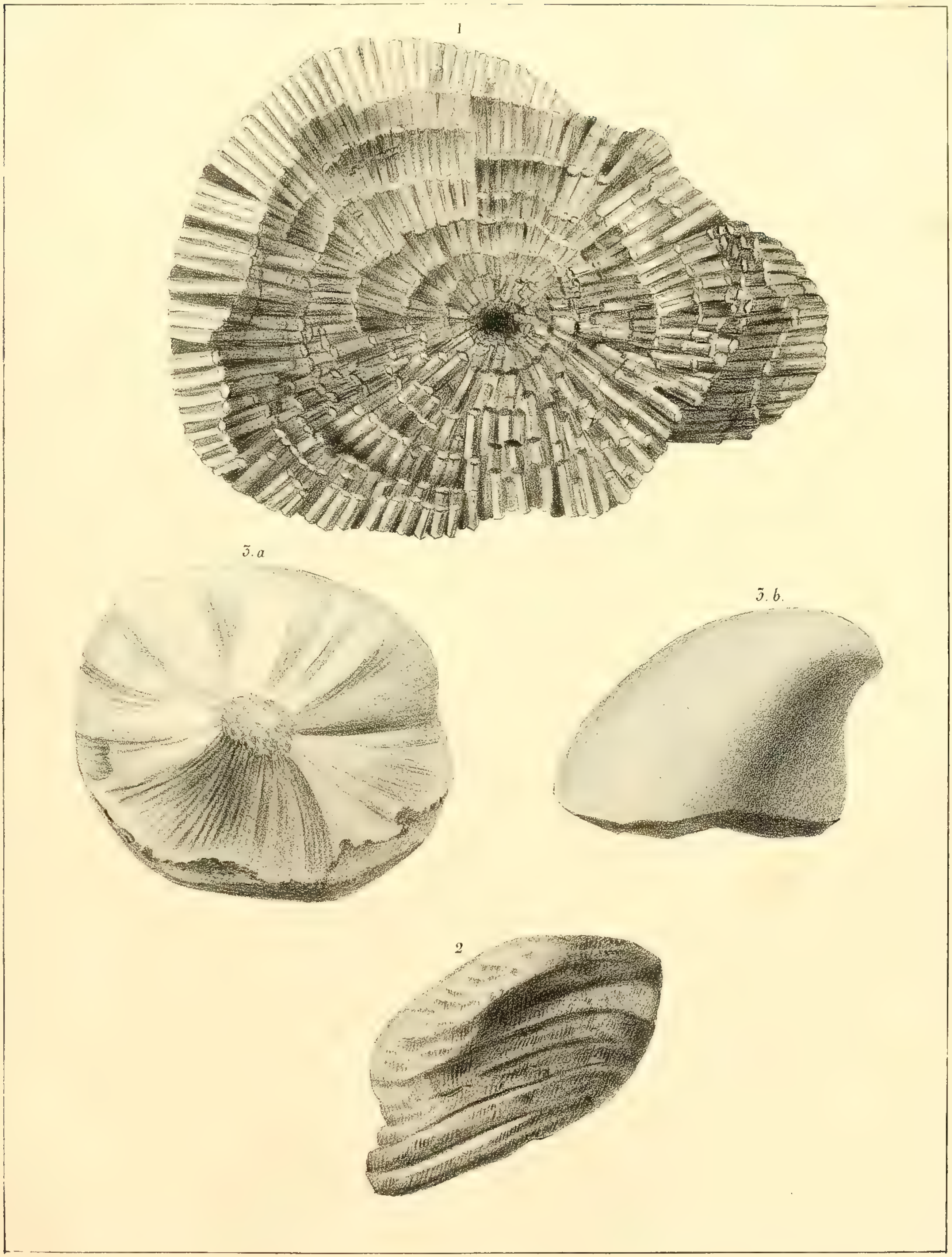


Lith. d'Artus rue de la Harpe, 50

Catenipora.

1. C. Michelini n.s. 2. c. Labyrinthica 3. c. Escharoïdes.

[illegible]TY
[illegible] USA

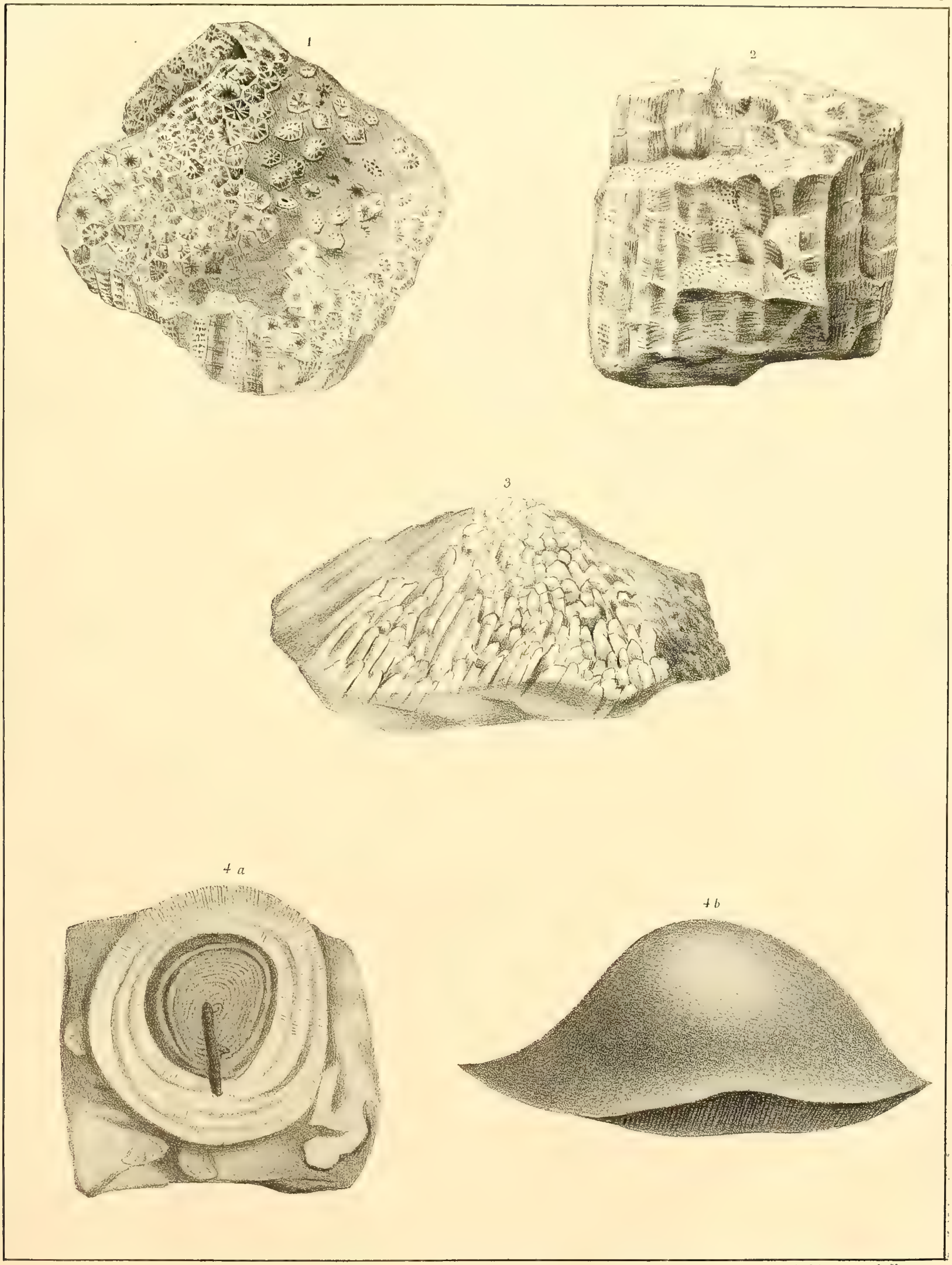


Lith. d'Artus, rue de la Harpe. 50

Calamopora.

1. c. Radians, n. s. 2. c. Minutissima, n. s. 3. c. Basaltica. a. en dessous. b. de coté.

LIBRARY
HARVARD UNIVERSITY
CAMBRIDGE, MA USA

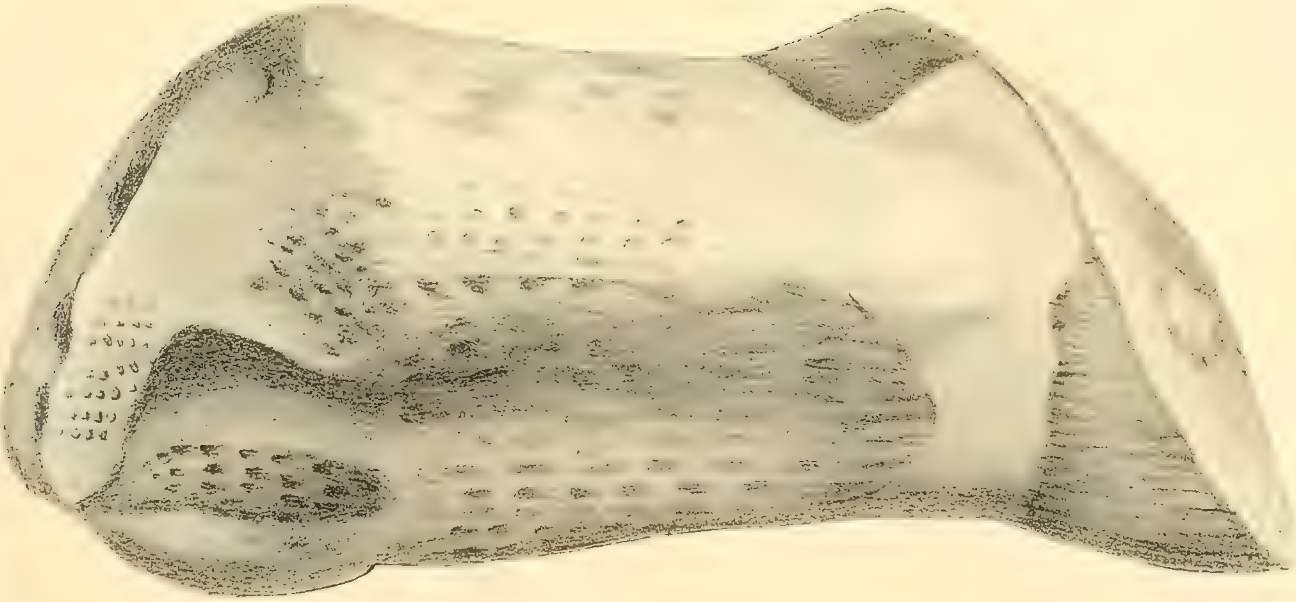


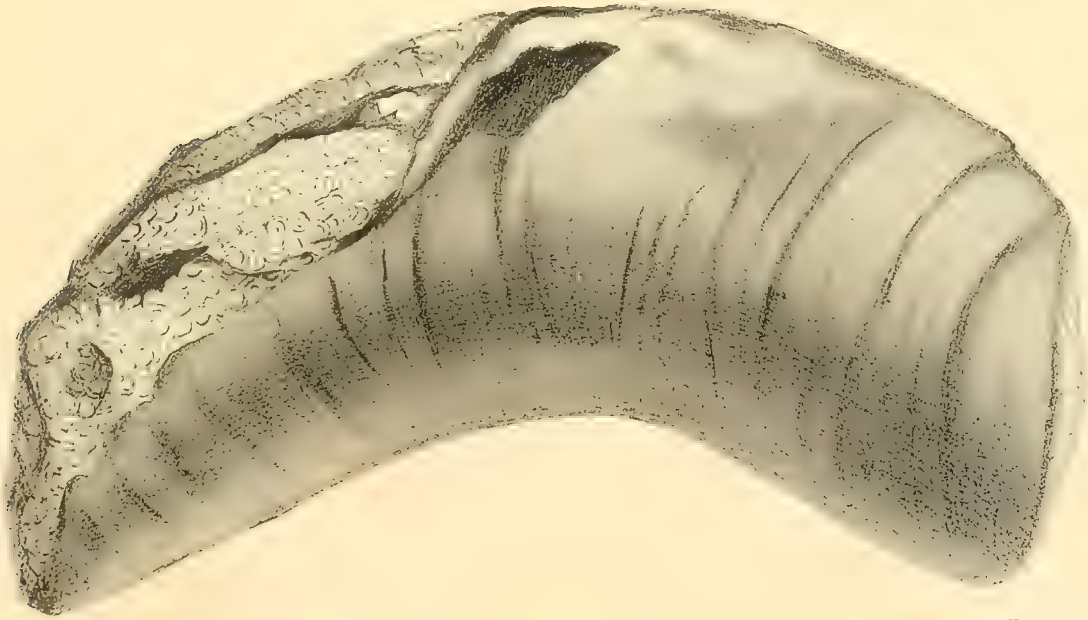
Lith. d'Artus, rue de la Harpe 50

Columnaria.

1. c. Multiradiata n. s. 2. c. Troostii. n. s. 3. c. Mamillaris n. s. 4. Calamopora Fibrosa a. en dessous. b. de côté.

CAMBRIDGE, MA USA



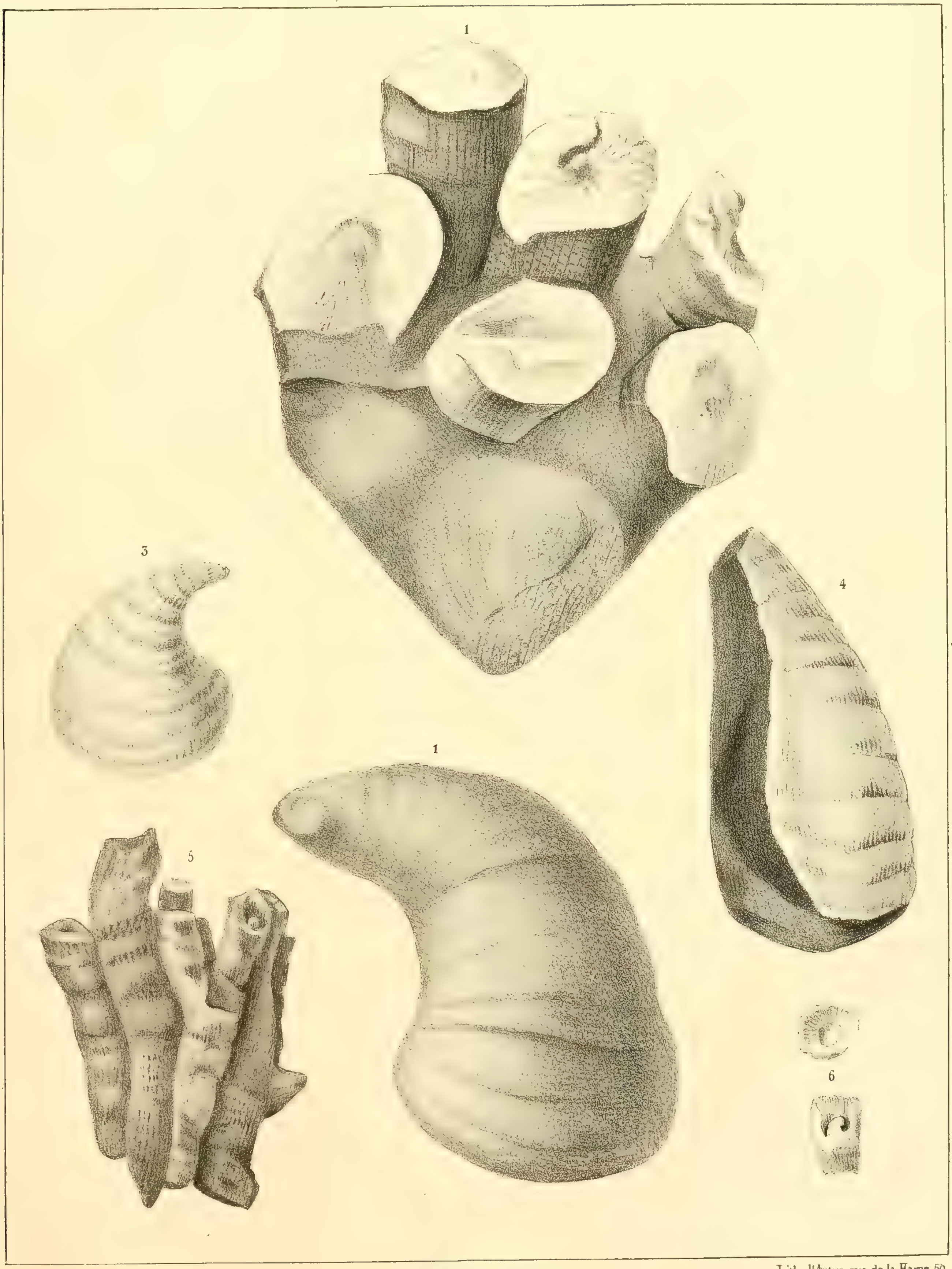


Lith. d'Artus, rue de la Harpe 50

Cyathophyllum

1. c. Goliath. n. s. 2. c. Atlas n. s.

CAMBRIDGE. MA USA



Lith. d'Artus rue de la Harpe 50

Cyathophyllum.

1. c. Ammonis. n. s. 2. c. Goldfusii. n. s. 3. c. Dilatatum. n. s. 4. c. Conicum. n. s. 5. c. Aglomeratum n. s.

HARVARD UNIVERSITY
CAMBRIDGE. MA USA

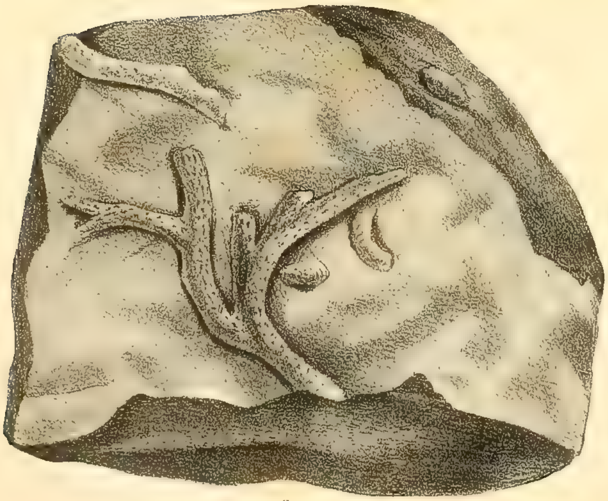
Lith. d'Artus, rue de la Harpe. 50

Cyathophyllum.

1. c. *Striatulum.* n. s. 2. c. *Arborescens.* n. s. 3. c. *Michelini.* n. s. 4. c. *Plitaculum.* n. s. 5. c. *Rollinii,* n. s.
6. *Vicinum.* n. s. 7. *Dorbignyi.* n. s. 8. c. *Distinctum* n. s.

UNIVERSITY
CAMBRIDGE, MA USA

1

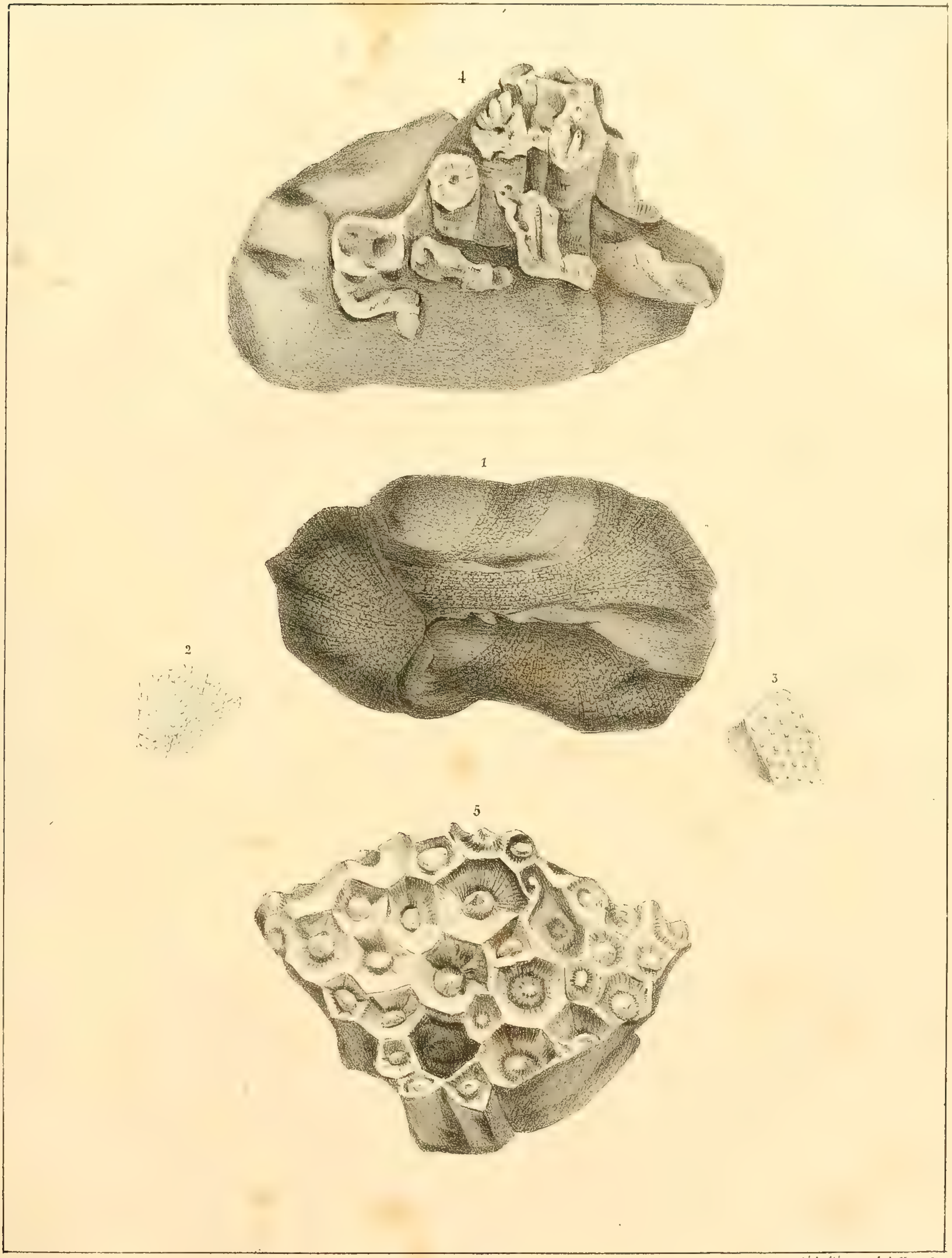


2

Lith. d'Artus, rue de la Harpe 50

1. Lithodendron Irregulare. Philips. 2. Calamopora Verneuillei, n. s.

ITY
MA USA

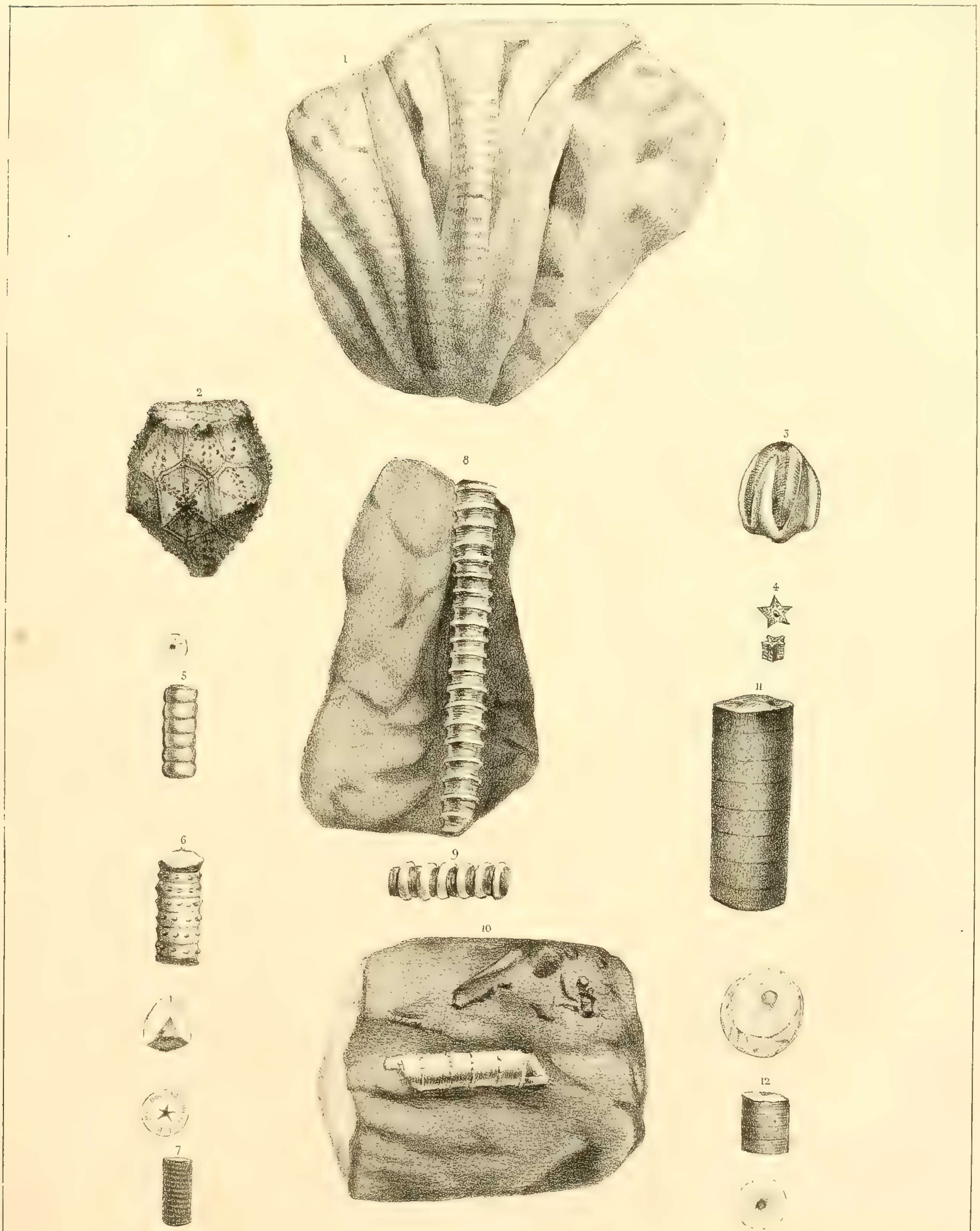


Lith. d'Artus, r. de la Harpe, 50

Gorgonia.

1. G. Anticorum n.s. 2. id grossi. 3. G. Ripisteria grossi. 4. Axinura, (n.g.) Canadensis. n.s. 5. Astrea mamillaris.

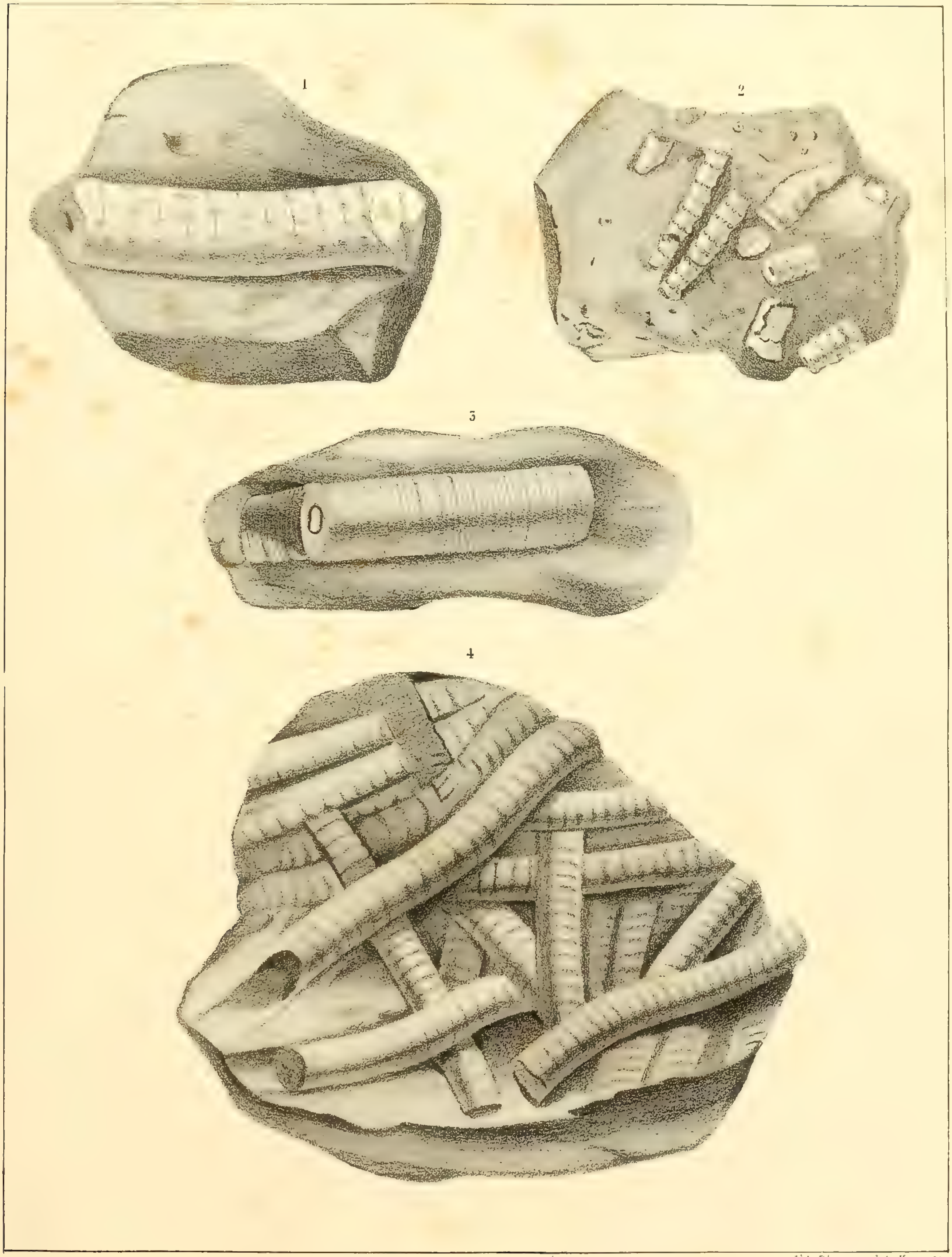
HA ... SITY
CAMBRIDGE MA USA



Lith. d'Artus, rue de la Harpe. 50

Encrinites ou Crinoïdes.

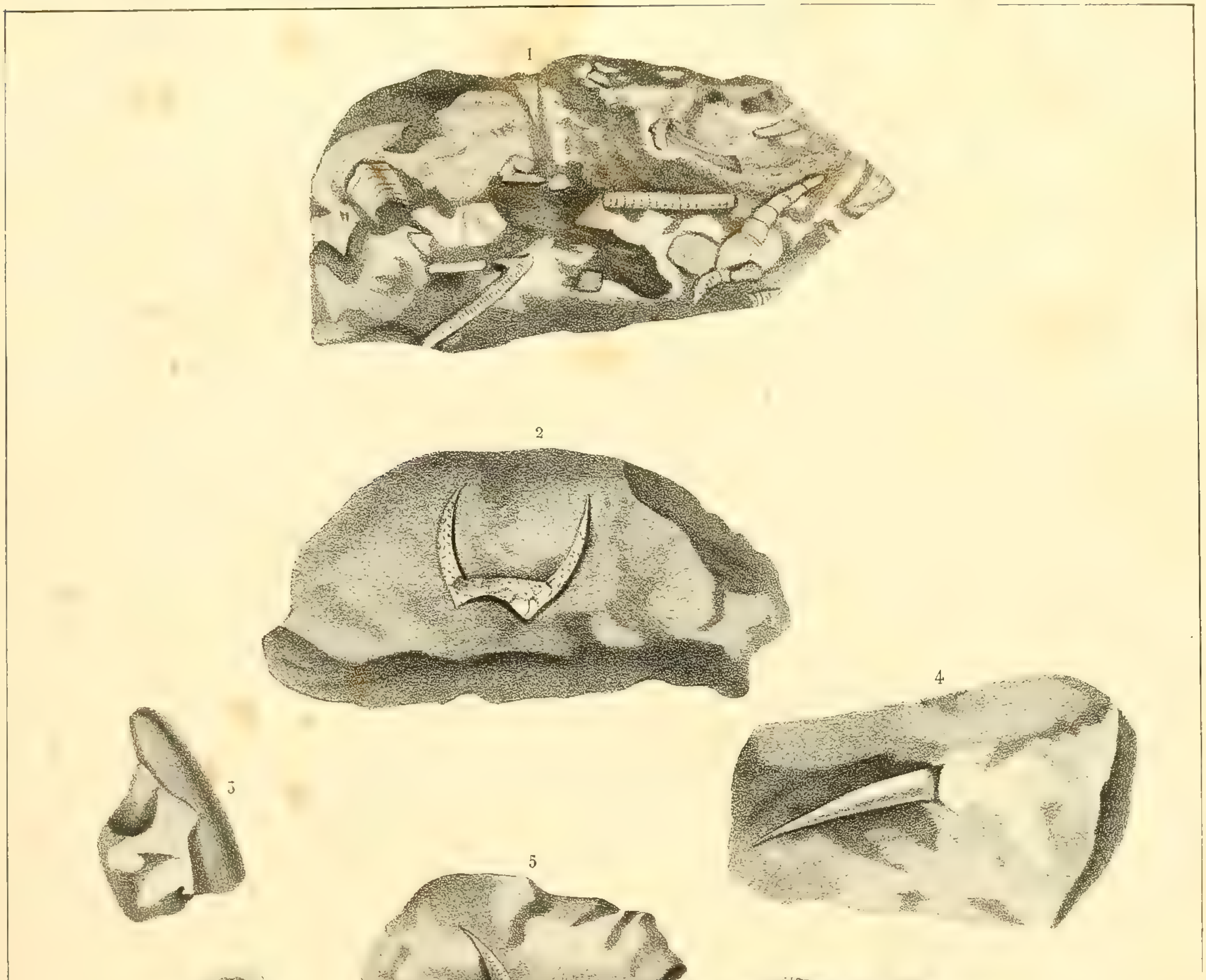
HARV... CAMBRIDGE, MA USA



Lith. d'Artus, rue de la Harpe. 50

Encrinites ou Crinoides.

CAMBRIDGE. MA USA



Lith d'Artus, rue de la Harpe 50

Corps de classe incertaine.

ITY
MA USA